BRUHATH BANGALORE MAHANAGARA PALIKE

Detailed Estimate for : Providing chainlink fencing to park at Sri Gudde Vinayaka Temple, Kuvempunagara 2nd Phase of ward no.11

Est Cost is Rs 2300000.00

Sl. No	Description of work	No	Dimension L	Dimension B	Dimension D	Qty	Rate	Per	Amount
	KRIDL Charges 10%								230000.00
	Labour cess 1%								23000.00
1	KSRB 2-2.1 : Earthwork in surface excavation in oridinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavted surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. - do - in hard soil. specification. No. KBS 2.1 (a) /2.3.1 (P-5, I-2.2 PWDSR 13-14)								
		1	1	47.00	60.00	0.30	846.00		
							846.00	173.84	Cum	**147069.00**
	Basic Rate	164.00								
	Area Weightage @ 6%	9.84								
	Total	**173.84**								
2	Earth work excavation for foundation of building, water supply, sanitary lines and electrical conditions either in pits or in trenches 1.5m and above in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the escavated soil clean from edges of excavation with lead upto 50m after breaking of complete as per specifications (KSB 2.1) (b) 2.3.5, P-5, 1-2.4)								
	entrance gate RH side	1	1	11.90	0.90	0.90	9.64		
		1	1	10.00	0.90	0.90	8.10		
		1	1	1.50	0.90	0.90	1.22		
	entrance gate LH side	1	1	18.10	0.90	0.90	14.66		
	Schools	1	1	10.25	0.90	0.90	8.30		
	Steps	1	1	1.80	1.70	0.40	1.22		
	Backside of temple	1	1	20.45	0.90	0.90	16.56		
	fixing of R-poles	1	146	0.60	0.60	0.60	31.54		
							91.24	223.66	Cum	**20407.00**
	Basic Rate	211.00								
	Area Weightage @ 6%	12.66								
	Total	**223.66**								
3	Lead for Disposal of Debris/earth shall be payable at garage rates by Mechanical means including loading and unloading from 14Kms to 15Kms (P.No.124.I.No.63)								
	Qty item no. 1 & 2						937.24		
							937.24	107.27	Cum	**100540.00**
	Loading and unloading for Haulage(surface road	62.20								

	(density of debris 1.30									
	for 15kms =15x2x1.30	39.00								
	Basic Rate	101.20								
	Area Weightage @ 6%	6.07								
	Total	**107.27**								
4	Providing and laying in positionp lain cement concrete of Mix M 7.5 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour HOM of machinery curing complete as per specification, specification No. KBS 4, 1, 4.2 (PageNo.12, Item No.4.3 PWD S.R. 13-14)									
	entrance gate RH side	1	1	11.90	0.90	0.15	1.61			
		1	1	10.00	0.90	0.15	1.35			
		1	1	1.50	0.90	0.15	0.20			
	entrance gate LH side	1	1	18.10	0.90	0.15	2.44			
	Schools	1	1	10.25	0.90	0.15	1.38			
	Steps	1	1	1.80	1.70	0.15	0.46			
	Backside of temple	1	1	20.45	0.90	0.15	2.76			
	fixing of R-poles	1	146	0.60	0.60	0.15	7.88			
						Total	**18.09**	4211.38	cum	**76184.00**
	Basic Rate	3973.00								
	Area Weightage @6%	238.38								
	Total	**4211.38**								
5	Providing and constructing granite / trap / baalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m apart in each course including cost of materials, labour, curing complete as per specifications (P. 25 I.No. 5.6)									
	Footing-1	1	1	74.00	0.60	0.45	19.98			
	Footing-2									
	entrance gate RH side	1	1	11.90	0.60	0.45	3.21			
		1	1	10.00	0.60	0.45	2.70			
		1	1	1.50	0.60	0.45	0.41			
	entrance gate LH side	1	1	18.10	0.60	0.45	4.89			
	Schools	1	1	10.25	0.60	0.45	2.77			
	Steps	1	1	1.80	0.60	0.45	0.49			
	Backside of temple	1	1	20.45	0.60	0.45	5.52			
						Total	**39.96**	3484.22	cum	**139229.00**
	Basic Rate	3287.00								
	Area Weightage @6%	197.22								
	Total	**3484.22**								
6	Providing and constructing granite / trap / baalt size stone masonry in basement with cement cement mortar 1:6, edges of stones dhistele dressed in courses not less than 15 cms high, bond stones at two m apart in each course including cost of materials, labour, curing complet (P. 26 I. No. 5.9)									
	Compound wall - front	1	1	2.15	0.45	0.60	0.58			
	1st step	1	1	1.90	0.45	0.60	0.51			
		1	1	1.90	0.45	0.60	0.51			

		1	1	4.00	0.45	0.60	1.08			
		1	1	1.95	0.45	0.45	0.39			
		1	1	10.00	0.45	0.60	2.70			
	Side	1	1	1.50	0.45	0.45	0.30			
	entrance gate LH side	1	1	18.10	0.45	0.60	4.89			
	1st step	1	1	10.25	0.45	0.60	2.77			
	Backside of temple	1	1	20.45	0.45	0.60	5.52			
	2nd Step	1	1	2.15	0.45	0.45	0.44			
		1	1	1.90	0.45	0.45	0.38			
		1	1	1.90	0.45	0.45	0.38			
		1	1	4.00	0.45	0.45	0.81			
		1	1	4.00	0.45	0.45	0.81			
		1	1	1.95	0.45	0.45	0.39			
		1	1	10.00	0.45	0.45	2.03			
		1	1	1.50	0.45	0.45	0.30			
		1	1	18.10	0.45	0.45	3.67			
		1	1	10.25	0.45	0.45	2.08			
						Total	**30.55**	4148.84	cum	**126749.00**
	Basic Rate	3914.00								
	Area Weightage @6%	234.84								
	Total	**4148.84**								
7	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P. 122, I. No. 15.3)									
	Compound wall - front	1	2	2.15		0.40	1.72			
		1	2	1.90		0.40	1.52			
		1	2	1.90		0.40	1.52			
		1	2	4.00		0.40	3.20			
		1	2	4.00		0.40	3.20			
		1	2	1.95		0.40	1.56			
		1	2	10.00		0.40	8.00			
		1	2	1.50		0.40	1.20			
		1	2	18.10		0.40	14.48			
		1	2	10.25		0.40	8.20			
	Backside of temple	1	2	20.45		0.40	16.36			
							60.96	78.44	sqm	**4782.00**
	Basic Rate	74.00								
	Area weightage @ 6%	4.44								
	Total	**78.44**								
8	Providing and laying in positionp lain cement concrete of Mix M 15 with cement @ 240 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour HOM of machinery curing complete as per specification, specification No. KBS 4, 1, 4.2 (PageNo.12, Item No.4.6)									
	Compound wall -	1	1	2.15	0.45	0.10	0.10			
		1	1	1.90	0.45	0.10	0.09			
	Gate	1	1	1.90	0.45	0.10	0.09			
		1	1	4.00	0.45	0.10	0.18			
		1	1	4.00	0.45	0.10	0.18			
	Side	1	1	1.95	0.45	0.10	0.09			

		1	1	10.00	0.45	0.10	0.45			
		1	1	1.50	0.45	0.10	0.07			
	Fixing of holes	1	1	18.10	0.45	0.10	0.81			
		1	1	10.25	0.45	0.10	0.46			
	fixign of rectangular	1	172	0.45	0.45	0.45	15.67			
	Backside of temple	1	1	20.45	0.45	0.10	0.92			
						Total	**19.10**	4690.50	cmtr	**89600.00**
	Basic Rate	4425.00								
	Area Weightage @ 6%	265.50								
	Total	**4690.50**								
9	Supply and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 Nos 16mm dia M.S. hold fast rods each of length 25cms. Including cost of all materials cutting, bending scaffoldign wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of ht eEngineerin in charge of he work and including providing 2 coats of approved uqality paint over one coat of shop painting (excluding cost of earthwork and concrete)									
		1	150			2.95	442.50			
		1	18			3.50	63.00			
		1	4			3.35	13.40			
							518.90	1078.02	mtrs	**559385.00**
	Basic Rate	1017.00								
	Area weightage @ 6%	61.02								
	Total	**1078.02**								
10	Providing and fixing M.S. block pipe of 38 mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe between the two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. blok pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer in charge of work etc., complete including two coats of approved quality paint over one coat of shop paint (Item No.37.4 Page No.270)									
		1	3	10.00			30.00			
		1	3	1.95			5.85			
		1	3	4.00			12.00			
		1	3	1.90			5.70			
		1	3	1.90			5.70			
		1	3	2.15			6.45			
		1	3	18.10			54.30			
		1	3	10.25			30.75			
	school front side	1	3	26.50			79.50			
	Pipe gate	1	4	2.15			8.60			
		1	6	0.80			4.80			
	side of school	1	3	11.80			35.40			
		1	3	7.10			21.30			
		1	4	7.50			30.00			
		1	3	11.50			34.50			
		1	3	13.30			39.90			
		1	3	7.60			22.80			
		1	3	9.50			28.50			

		1	3	7.60			22.80			
		1	3	5.80			17.40			
		1	3	3.70			11.10			
		1	3	3.20			9.60			
	Backside of temple	1	3	0.57			1.71			
	Gate	1	3	5.40			16.20			
		1	3	20.45			61.35			
		1	3	25.40			76.20			
		1	3	55.10			165.30			
	slum side	1	3	3.80			11.40			
		1	3	2.80			8.40			
		1	3	24.70			74.10			
							931.61	293.62	mtrs	**273539.00**
	Basic Rate	277.00								
	Area weightage @ 6%	16.62								
	Total	**293.62**								
11	Fabricating, supplying and erecting M.S.Tubular Trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest strucutral welding code. Quality shall be on various parameters like shape, size, design guage and polish. The entire trusses is anchored in RCC column byusing 4 Nos of M.S. anchor bolts at each support with 10mm thick base plate and ahoe plate. The work includes cutting, straighening, placing in position of M.S pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift transportation etc., complete as per specification. P.No.45 Item No.7.29)									
	Purlin 65x65x6 mm	1	4	0.85	4.90		16.66			
	top 65x65x6mm	1	4	0.40	4.90		7.84			
		1	4	0.30	4.90		5.88			
	38mm dia pipe heavy	1	8	1.55	3.50		43.40			
	horizontal	1	15	0.30	3.50		15.75			
	40x40mm square tube	1	4	6.70	3.95		105.86			
	35x35mm square tube	1	15	0.40	3.01		18.06			
		1	15	0.30	3.01		13.55			
		1	10	0.40	3.01		12.04			
	ISLC 125x65mm	1	7	2.55	10.70		191.00			
	10mm thick plate	1	4	0.15	78.50		47.10			
						Total	**477.13**	143.64	kgs	**68535.00**
	Basic Rate	133.00								
	Area weightage @ 8%	10.64								
	Total	**143.64**								

4	Providing **chain link fencing 50 mm size of 8 guage** properly stertched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required incldiugn cost a of all materials labour lead and lifts cutting, bending wherever necessary wastage and lapping etc., complete as per direction of the Engineer in charge of work including two coats of approved quality paint over one coat of shop paint.(P.No.270, I.No.37.3)									
	Basic Rate	608.00								
	Area Weightage 6%	36.48								
	Total Rate	644.48								
		1	1	460.00	-	3.30	1518.00			
							1518.00	644.48	Sqm	**978321.00**
5	**Providing and fixing M.S Gate** as per Cheaf Architect Drawing using 50mmX50mm 14 guage M.S hollow pipe frame work bent to ornamental shape as shape as shown in the drawing and 35mmX6mm and 16X16mm squre roads for verticals alternatively spaced at 4cms c/c in two halves and 40mmX6mm M.S flats for horizontal member and at at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of of rust and painted with anti corrosive paint (shop paint) etc., complete the work includes cost of all materials, labour charges for all item of work, hire charges of welding, cutting and grainding equipment, and electricity charges, with lead and lift loading and lunloading charges. etc., complete as per specification and drawing Page									
	For gates to existing parks	1	1	3.00		1.80	5.40			
	Small gates on Western and Eastern side	1	3	1.20		1.80	6.48			
							11.88	**3343.68**	sqm	**39723.00**
	Basic rate	3096.00								
	Add 6% AW	247.68								
	Total Rate	**3343.68**								
6	Miscellaneous								Ls	**11994.00**
							TOTAL Rs			**2300000.00**

ADMINISTRATIVELY SANCTIONED FOR Rs. 23.00 Lakhs
Rupees Twenty three lakhs only
Under
2.10 Registe
Sub
enclos
Dt 604.00
Acl Gen (92) AS/866/13-14
dated 13-2-2014 Rs-23.00 lakhs

Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92.

Sanction for Rs. 23.00 lakhs
is accorded under head P0088
: 286 Dt: 17.02.14
registered as
to Conditions contained in enclosed memo
No. /
AE/JE TA SE (BTP)

1 The Work spot has been inspected and work is necessary.
2 The Estimation based on the SR 2013-14
3 The Work spot comes under B B M P Limit
4 Provision in the estimate are essential and minimum.

28/11/2013
Assistant / Junior Engineer
Project Sub Division, Yelahanka Zone,
BBMP, Bangalore-92

28/11/13
Assistant Executive Engineer
Project Sub Division, Yelahanka Zone,
BBMP, Bangalore-92

Countersigned
Executive Engineer
Project Division, Yelahanka Zone,
BBMP, Bangalore-92